

5'	9	18	27	36	45	54
GCC	GAA	CCC	CGC	CCA	CTC	GCT
GAA	CCC	CGC	CCA	CTC	GCT	GAA
AGT	GAA	GGA	GGA	GGA	GAA	AGT
GGC	GAG	GGA	GGA	GGA	GGA	GAG
63	72	81	90	99	108	
TTC	ATC	CCT	GCC	TAG	CGC	CCA
TTC	ATC	CCT	GCC	TAG	CGC	CCA
ACT	CCC	GCT	GCT	TCA	GAG	ATC
ATC	CCC	GCT	GCT	TCA	GAG	ATC
117	126	135	144	153	162	
GAT	GTG	GCG	ACT	GCG	GCC	GAC
GAT	GTG	GCG	ACT	GCG	GCC	GAC
CTG	GAT	GTG	GCG	ACT	GCG	GCC
CTG	GAT	GTG	GCG	ACT	GCG	GCC
171	180	189	198	207	216	
CAT	GAG	ATT	TTC	ACG	TCG	CCG
CAT	GAG	ATT	TTC	ACG	TCG	CCG
CTG	GAT	GTG	GCG	ACT	GCG	GCC
CTG	GAT	GTG	GCG	ACT	GCG	GCC
225	234	243	252	261	270	
CTC	TAC	AAG	ATC	GTG	CGC	GGG
CTC	TAC	AAG	ATC	GTG	CGC	GGG
CTC	TAC	AAG	ATC	GTG	CGC	GGG
CTC	TAC	AAG	ATC	GTG	CGC	GGG
279	288	297	306	315	324	
ACG	ACG	ANG	CCG	CCC	CCT	CTG
ACG	ACG	ANG	CCG	CCC	CCT	CTG
ACG	ACG	ANG	CCG	CCC	CCT	CTG
ACG	ACG	ANG	CCG	CCC	CCT	CTG
333	342	351	360	369	378	
GAG	CTG	CGG	CGC	TTC	GAC	GGC
GAG	CTG	CGG	CGC	TTC	GAC	GGC
GAG	CTG	CGG	CGC	TTC	GAC	GGC
GAG	CTG	CGG	CGC	TTC	GAC	GGC

FIG. 1A

387	AAC GGC AAG GTG TTT GAT TTT GAT ACC AAA GGC CGC AAA TTC TAC GGC CCC GAG GGG	405	414	423	432
	N G K V F D V T K G R K F Y G P E G				
441	CCG TAT GGG GTC TTT GCT GGA AGA GAT GCA TCC AGG GGC CTT GGC ACA TTT TGC	459	468	477	486
	P Y G V F A G R D A S R G L A T F C				
495	CTG GAT AAG GAA GCA CTG AAG GAT GAG TAC GAT GAC CTT TCT GAC CTC ACT GCT	513	522	531	540
	L D K E A L K D E Y D D L S D L T A				
549	GCC CAG CAG GAG ACT CTG AGT GAC TGG GAG TCT CAG TTC ACT TTT AAG TAT CAT	567	576	585	594
	A Q Q E T L S D W E S Q F T F K Y H				
603	CAC GTG GGC AAA CTG CTG AAG GAG GAG GAG GGG GAG CCC ACT GTG TAC TCA GAT GAG	621	630	639	648
	H V G K L L K E G E E P T V Y S D E				
657	GAA GAA CCA AAA GAT GAG AGT TCC CGG AAA AAT GTT AAA GCA TTC AGT GGA AGT	675	684	693	702
	F E P K D E S S S R K N V K A F S G S				
711	ATA TCT ATN NTG TAT TTT GCA AAA TCA TTT GTA ACA GTC CAC TNT GTC TTT AAA	729	738	747	756
	I S X X Y F A K S F V T V H X V F K				

FIG. 1B

765 ACA TAG TGT TAC AAT ATT TAG AAA GTT TGA GC 3'  
774  
783  
'T

FIG. 1C

1	M A A E D V V A T G A D P S <u>D</u> L E <u>S</u> G G	2504333
1	M A A E D V <u>V</u> A T G A D P S <u>E</u> L E G G G	GI 1518818
1	M A A E D V <u>A</u> <u>A</u> T G A D P S <u>E</u> L E G G G	GI 1657409
21	L L <u>H</u> E I F T S P L N L L L L G L C I F	2504333
21	L L <u>Q</u> E I F T S P L N L L L L G L C I F	GI 1518818
21	L L H E I F T S P L N L L L L G L C I F	GI 1657409
41	L L Y K I V R G D Q P <u>A</u> A S G D <u>R</u> T T T	2504333
41	L L Y K I V R G D Q P <u>G</u> A S <u>G</u> D N D D D	GI 1518818
41	L L Y K I V R G D Q P A A S - <u>D</u> S D D D	GI 1657409
61	X P P P L P R L K <u>R</u> R D F T P A E L R R	2504333
61	E P P P L P R L K <u>P</u> R D F T P A E L R R	GI 1518818
60	E P P P L P R L K R R D F T P A E L R R	GI 1657409
81	<u>F</u> D G V Q D P R I L M A I N G K V F D V	2504333
81	<u>Y</u> D G V Q D P R I L M A I N G K V F D V	GI 1518818
80	<u>F</u> D G V Q D P R I L M A I N G K V F D V	GI 1657409
101	T K G R K F Y G P E G P Y G V F A G R D	2504333
101	T K G R K F Y G P E G P Y G V F A G R D	GI 1518818
100	T K G R K F Y G P E G P Y G V F A G R D	GI 1657409
121	A S R G L A T F C L D K E A L K D E Y D	2504333
121	A S R G L A T F C L D K E A L K D E Y D	GI 1518818
120	A S R G L A T F C L D K E A L K D E Y D	GI 1657409
141	D L S D L T <u>A</u> A Q Q E T L <u>S</u> D W <u>E</u> S Q F	2504333
141	D L S D L T <u>P</u> A Q Q E T L <u>N</u> D W <u>D</u> S Q F	GI 1518818
140	D L S D L T <u>P</u> A Q Q E T L <u>N</u> D W <u>D</u> S Q F	GI 1657409
161	<u>T</u> F K Y H H V - - G K L L K E G E E P T	2504333
161	<u>S</u> S P S S T I T W G K L L <u>E</u> G A E E P I	GI 1518818
160	<u>T</u> F K Y H H V - - G K L L K E G E E P T	GI 1657409

FIG. 2A

179	V Y S D E E E P K D E S S R K N V K A F	2504333
181	V Y S D <u>D</u> E E <u>Q</u> K <u>M R L L G R V T E</u> <u>A</u> V	GI 1518818
178	V Y S D E E E P K D E S <u>A</u> <u>R</u> - - - - -	GI 1657409
199	<u>S G S I S</u> X X <u>Y F A K S F V T V H</u> X <u>V F</u>	2504333
201	<u>S G</u> <u>A Y L F L</u> <u>Y F A K S F V T</u> <u>F Q S</u> <u>V F</u>	GI 1518818
192	- - - - - K N - - - - - D	GI 1657409
219	<u>K</u> <u>T</u>	2504333
221	<u>T</u> <u>T</u> W	GI 1518818
194		GI 1657409

FIG. 2B

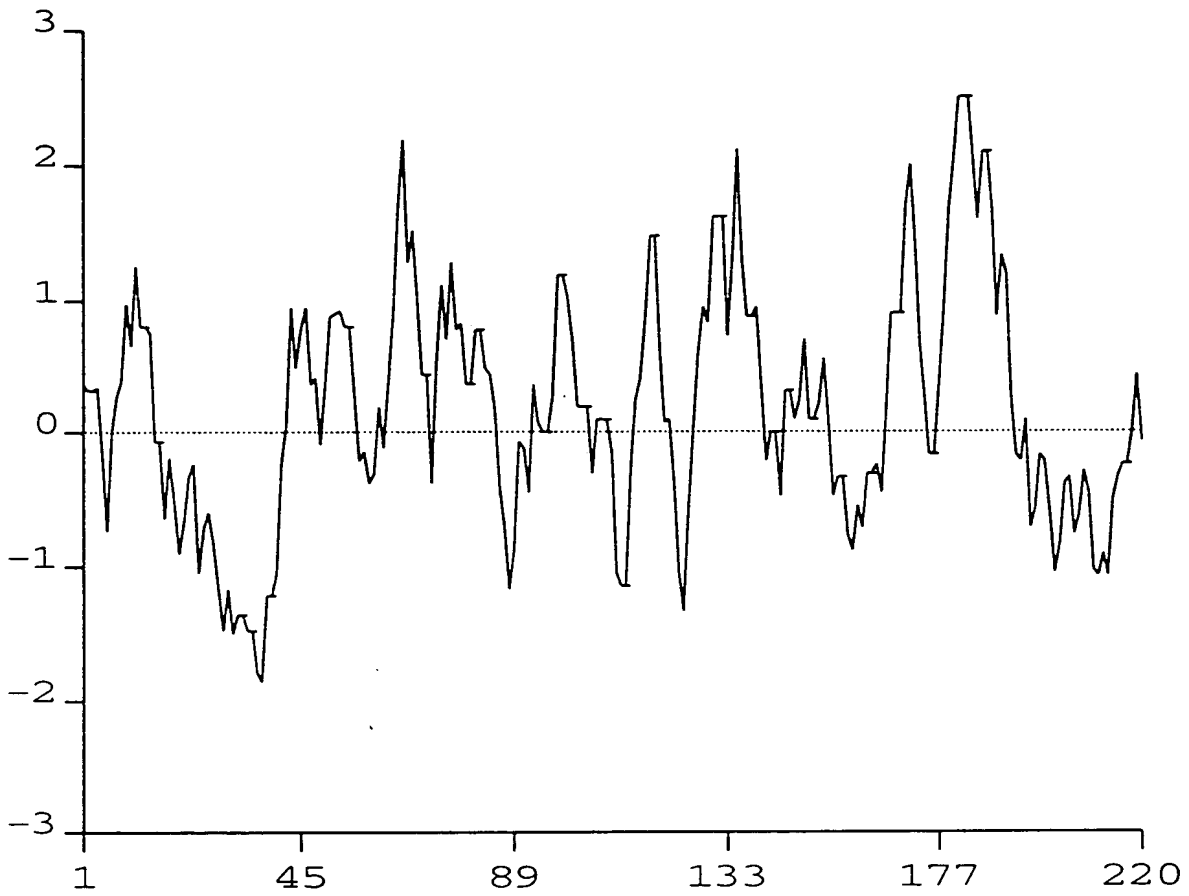


FIG. 3A

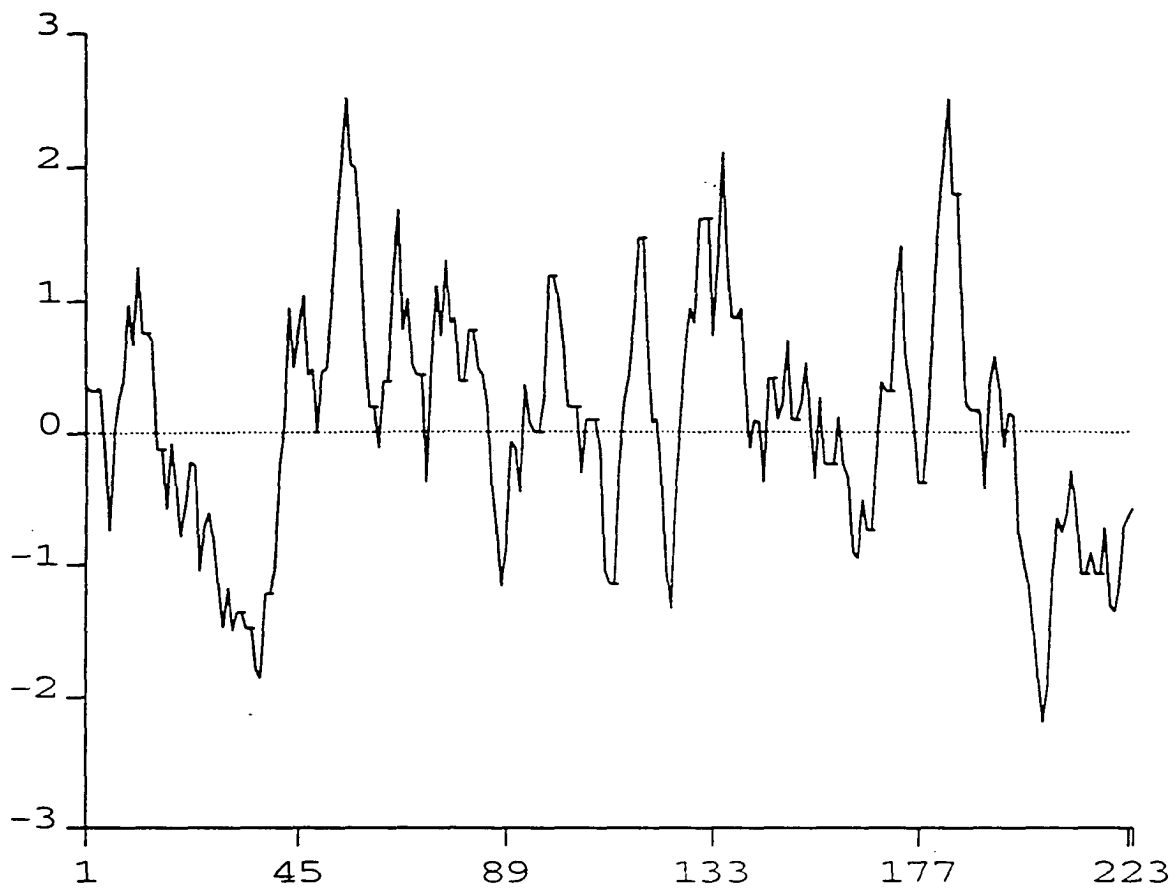


FIG. 3B